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| Substitute for form 1449/PTO | | Complete if Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) | | Application Number | 10/511,937 |
| | | Filing Date | April 24, 2003 |
| | | First Named Inventor | Jay WOHLGEMUTH |
| | | Art Unit | 1634 |
| | | Examiner Name | J. Martinell |
| Sheet | 1 | of | 2 |
| | | Attorney Docket Number | 506612000104 |

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|-----------------------|--|--------------------------------|--|---|
| Examiner Initials* | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number-Kind Code ² (if known) | | | |
| | 1. | US-2005/0281815-A1 | 12-22-2005 | Eshel et al. | |
| | 2. | US-7,514,209-B2 | 04-07-2009 | Dai et al. | |

| FOREIGN PATENT DOCUMENTS | | | | | |
|--------------------------|----------|---|------------------|---|---|
| Examiner Initials* | Cite No. | Foreign Patent Document | Publication Date | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear |
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| NON PATENT LITERATURE DOCUMENTS | | | | |
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| Examiner Initials | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² | |
| | 3. | BENNER, S. A. et al. (July 2001). "Evolution, Language and Analogy in Functional Genomics," <i>Trends in Genetics</i> 17(7):414-418. | | |
| | 4. | BENNETT, L. et al. (March 17, 2003). "Interferon and Granulopoiesis Signatures in Systemic Lupus Erythematosus Blood," <i>The Journal of Experimental Medicine</i> 197(6):711-723. | | |
| | 5. | BERGHOLDT, R. et al. (2000). "Characterization of New Polymorphisms in the 5' UTR of the Human Interleukin-1 Receptor Type 1 (IL1R1) Gene: Linkage to Type 1 Diabetes and Correlation to IL-1RI Plasma Level," <i>Genes and Immunity</i> 1:495-500. | | |
| | 6. | CENTOLA, M. et al. (2006). "Genome-Scale Assessment of Molecular Pathology in Systemic Autoimmune Diseases Using Microarray Technology: A Potential Breakthrough Diagnostic and Individualized Therapy-Design Tool," <i>Scandinavian Journal of Immunology</i> 64:236-242. | | |
| | 7. | CROW, M. K. et al. (2003). "Microarray Analysis of Gene Expression in Lupus," <i>Arthritis Research & Therapy</i> 5(6):279-287. | | |
| | 8. | DOZMOROV, M. G. et al. (2007). "5 α -Androstane-3 α ,17 β -Diol Selectively Activates the Canonical PI3K/AKT Pathway: A Bioinformatics-Based Evidence for Androgen-Activated Cytoplasmic Signaling," <i>Genomic Medicine</i> 1:139-146. | | |
| | 9. | HORWITZ, P. A. et al. (2004). "Detection of Cardiac Allograft Rejection and Response to Immunosuppressive Therapy with Peripheral Blood Gene Expression," <i>Circulation</i> 110:3815-3821. | | |
| | 10. | ING, N. H. (2005). "Steroid Hormones Regulate Gene Expression Posttranscriptionally by Altering the Stabilities of Messenger RNAs," <i>Biology of Reproduction</i> 72:1290-1296. | | |
| | 11. | Invitation to Pay Additional Fees mailed April 27, 2009, for PCT Application No. PCT/US2007/023675 filed November 9, 2007, 6 pages. | | |
| | 12. | KAUFMAN, D. B. et al. (1997). "Functional Significance of Donor Islet Interleukin-1 Receptor Type 1 (IL-1Rt1) Expression in Islet Transplantation," <i>Transplantation Proceedings</i> 29:772-773. | | |

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| 13. | KIROU, K. A. et al. (December 2004). "Coordinate Overexpression of Interferon- α -Induced Genes in Systemic Lupus Erythematosus," <i>Arthritis & Rheumatism</i> 50(12):3958-3967. | |
| 14. | MANDEL, M. et al. (2006). "Gene Expression Studies in Systemic Lupus Erythematosus," <i>Lupus</i> 15:451-456. | |
| 15. | SMITH, A. D. et al. eds. (1997). <i>Oxford Dictionary of Biochemistry and Molecular Biology</i> . Oxford University Press, Oxford, New York, p. 618. | |
| 16. | TANAKA, J. et al. (1995). "Cytokine Receptor Gene Expression in Peripheral Blood Mononuclear Cells During Graft-Versus-Host Disease After Allogeneic Bone Marrow Transplantation," <i>Leukemia and Lymphoma</i> 19:281-287. | |
| 17. | U.S. Office Action mailed December 4, 2008, for U.S. Application No. 11/223,492 filed September 8, 2005, 18 pages. | |
| 18. | U.S. Office Action mailed May 29, 2009, for U.S. Application No. 11/784,998 filed April 9, 2007, 28 pages. | |
| 19. | U.S. Office Action mailed May 29, 2009, for U.S. Application No. 11/893,236 filed August 14, 2007, 12 pages. | |
| 20. | VAMVAKOPOULOS, J. et al. (2002). "Genetic Control of IL-1 β Bioactivity Through Differential Regulation of the IL-1 Receptor Antagonist," <i>European Journal of Immunology</i> 32:2988-2996. | |

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